

Converting Colors

CIELCh(71, 77.369, 328.001)

Have a look what the booklet for
CIELCh(71, 77.369, 328.001)
contains.

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Color

CIELCh(71, 77.309, 327.792)

Conversions

Conversions Part 1

Format	Color
Hex	FD7CFA
RGB	253, 124, 250
RGB Percent	99%, 49%, 98%
CMY	0.0079, 0.5138, 0.0197
CMYK	0.00, 0.51, 0.01, 0.01
HSL	301°, 97%, 74%
HSV	301°, 51%, 99%
XYZ	64.9543, 42.1875, 95.1414
YIQ	176.9350, 36.4380, 66.5340

Conversions

Conversions Part 2

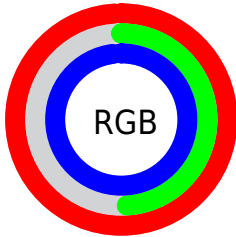
Format	Color
R _Y B	253, 124, 250
Decimal	16612602
CIE _{Lab}	71.00, 65.41, -41.21
CIE _{LCh}	71, 77.309, 327.792
Yxy	42.1875, 0.3211, 0.2086
Android (android.graphics.Color)	4294802682 (0xFFFD7CFA)
YUV	176.9350, 36.0210, 66.7090
Hunter-Lab	64.9519, 64.8406, -41.3815

Details

The CIELCh color **71, 77.309, 327.792** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 77.829, 140.768**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **51, 77.234, 327.866** is the 20% darker color. If you saturate the color by 10%, you get **67, 89.601, 328.221**, and if you desaturate by 10%, it is **76, 63.362, 327.307**.

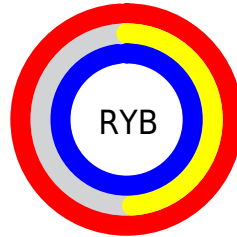
Distribution



Red (99%)

Green (49%)

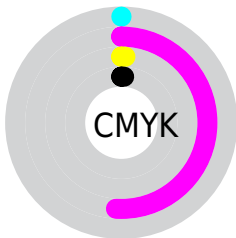
Blue (98%)



Red (99%)

Yellow (49%)

Blue (98%)

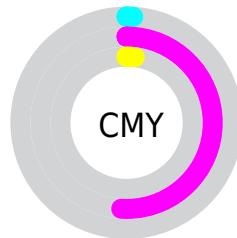


Cyan (0%)

Magenta (51%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (51%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 77.309, 327.792 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 71, 77.309, 327.792 by changing the saturation by 10% instead.


 71, 77.309,
327.792


 71, 77.309,
327.792


 100, 77.309,
327.792


 61, 77.309,
327.792


 91, 77.309,
327.792

 51, 77.309,
327.792

 41, 77.309,
327.792

 31, 77.309,
327.792

 21, 77.309,
327.792

 11, 77.309,
327.792

 1, 77.309, 327.792

0, 77.309, 327.792

71, 77.309,
327.792

71, 77.309,
327.792

67, 89.601,
328.221

76, 63.362,
327.307

64, 99.623,
328.580

81, 48.371,
326.781

61, 106.864,
328.862

87, 32.835,
326.229

60, 111.112,
329.065

93, 17.136,
325.661

60, 112.759,
329.196

99, 1.541, 324.918

100, 1.035,
153.107

100, 0.841,
167.090

100, 0.722,
187.335

100, 0.704,
200.302

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71, 77.309, 327.792



90, 77.829, 140.768

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 77.309, 327.792



71, 77.309, 17.792



71, 77.309, 147.792



71, 77.309, 197.792

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71, 77.306, 327.792



91, 23.584, 325.891



58, 72.970, 298.192



47, 16.101, 326.011



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 77.306, 327.792



67, 90.184, 328.223



69, 56.642, 350.299



50, 8.915, 325.575



45, 91.400, 329.179



12, 42.141, 329.063

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71, 77.306, 327.792



67, 90.184, 328.223



91, 53.307, 159.031



50, 8.915, 325.575



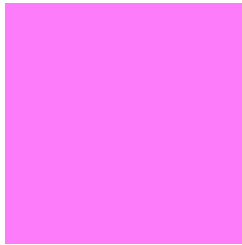
45, 91.400, 329.179



12, 42.141, 329.063

Previews

White Background



This preview shows how the CIELCh color 71, 77.309, 327.792 looks on a white background.

Color Contrast Check

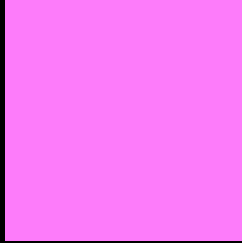
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 77.309, 327.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

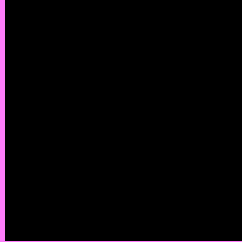
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 77.309, 327.792

Background



This preview shows how black text looks on a background with the CIELCh color 71, 77.309, 327.792.



This preview shows how white text looks on a background with the CIELCh color 71, 77.309, 327.792.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71, 77.309, 327.792

Protanopia

71, 45.568, 284.677

Deuteranopia

71, 38.435, 284.772



Tritanopia
71, 38.287, 15.334

Trichromacy



Original Color
71, 77.309, 327.792



Protanomaly
70, 54.572, 304.483



Deuteranomaly
70, 50.620, 306.947



Tritanomaly
71, 47.735, 348.992

Monochromacy



Original Color
71, 77.309, 327.792



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 30.280, 326.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 77.309, 327.792 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 124, 250)` looks like.

```
.text, #text, p{  
    color:rgb(253, 124, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 124, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 124, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 77.309, 327.792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 124, 250) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 124, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 124, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 124, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 124, 250);  
box-shadow:4px 4px 4px 4px rgb(253, 124,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 77.309, 327.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 124, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
124, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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